EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	69	(398/2).CCLS.	USPAT; USOCR	OR	OFF	2007/10/15 15:02
S3	84	(398/4).CCLS.	USPAT; USOCR	OR	OFF	2007/10/15 15:03
S5	84	(network or router or (optical adj cross$connect adjsystem or OXC) or detect$3 or failure or send$3 or signal or indicat$2 or connect or (protect$3 adj port) or transmit $4 or (protect$3 adj port)) and S3	USPAT	OR	ON	2007/10/16 14:32
S6	3282	(optical adj cross$connect adjsystem or OXC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 15:09
S7	13	S6 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 10:56
S8	2	"20050157643".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 10:56
S10	793	router and (optical adj cross$connect adjsystem or OXC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 16:57
S11	281	router and (optical adj cross$connect adjsystem or OXC) and (signal or data) and (detect$3 or monitor or indicat$3) and (send$3 or transmit$4) and protect$3 and receiv$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 11:49

S12	198	router and (optical adj cross$connect adjsystem or OXC) and (signal or data) and (detect$3 or monitor or indicat$3) and (send$3 or transmit$4) and protect$3 and receiv$3 and failure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 11:50
S13	182	router and (optical adj cross$connect adjsystem or OXC) and (signal or data) and (detect$3 or monitor or indicat$3) and (send$3 or transmit$4) and protect$3 and receiv$3 and failure and (port or terminal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 11:50
S15	180	router and (optical adj cross$connect adjsystem or OXC) and (signal or data) and (detect$3 or monitor or indicat$3) and (send$3 or transmit$4) and protect$3 and receiv$3 and failure and (port or terminal) and network	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 11:51
S16	180	router and ((optical adj cross$connect adjsystem) or OXC) and (signal or data) and (detect$3 or monitor or indicat$3) and (send$3 or transmit$4) and protect$3 and receiv$3 and failure and (port or terminal) and network	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 11:51
S17	180	router and ((optical adj cross$connect adjsystem) or OXC) and (signal or data) and (detect$3 or monitor or indicat$3) and (send$3 or transmit$4) and protect$3 and receiv$3 and failure and (port or terminal) and network and (connect$4 or link$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 11:53
S18	92	router and ((optical adj cross$connect adjsystem) or OXC) and (signal or data) and (detect$3 or monitor or indicat$3) and (send$3 or transmit$4) and protect$3 and receiv$3 and failure and (port or terminal or(working adj port) or (protect$3 adj port)) and network and (connect$4 or link$2) and (respond or tell or respond$3 or inform$3 or inform)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 14:15
S19	15	router and ((optical adj cross$connect adjsystem) or OXC) and (signal or data) and (detect$3 or monitor or indicat$3) and (send$3 or transmit$4) and protect$3 and receiv$3 and failure and (port or terminal or(working adj port) or (protect$3 adj port)) and network and (connect$4 or link$2) and (respond or tell or respond$3 or inform$3 or inform) and (low adj priority) and (high adj priority)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 14:57
S24	162	(398/49).CCLS.	USPAT; USOCR	OR	OFF	2007/10/16 14:30

S31	2	(("6278689" or "6813241" or "6792174".pn.")).PN.	US-PGPUB; USPAT	OR	OFF	2008/04/30 08:51
S32	0	("6792174".pn.").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/30 08:53
S33	0	("6792174".pn.").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/30 08:54
S34	2	("6792174").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/30 08:54
S35	2	("20050157643").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/30 08:56
S36	1	("20050157643").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/30 13:21
S37	0	("routerandoxc").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/30 13:24
S38	405	router and oxc	US-PGPUB; USPAT	OR	ON	2008/04/30 13:24
S39	68	protection port and working port	US-PGPUB; USPAT	NEAR	ON	2008/04/30 13:24
S40	2	S38 and S39	US-PGPUB; USPAT	NEAR	ON	2008/04/30 13:25
S42	645	protection near1 (port unit link or path$2)and working near1 (port unit link or path$2)	US-PGPUB; USPAT	OR	ON	2008/04/30 13:29
S43	25	S38 and S42	US-PGPUB; USPAT	NEAR	ON	2008/04/30 13:30
S44	417	router$2 and oxc$2	US-PGPUB; USPAT	OR	ON	2008/04/30 13:30
S45	25	S44 and S42	US-PGPUB; USPAT	NEAR	ON	2008/04/30 13:30

S46	174	router$2 same oxc$2	US-PGPUB; USPAT	OR	ON	2008/04/30 13:38
S47	505	(protection near1 (port unit link or path$2))same (working near1 (port unit link or path$2))	US-PGPUB; USPAT	OR	ON	2008/04/30 13:39
S48	3	router$2 same oxc$2 same (protection near1 (port unit link or path$2))same (working near1 (port unit link or path$2))	US-PGPUB; USPAT	OR	ON	2008/04/30 13:39
S49	299	(protection near1 (port unit link or path$2))and (working near1 (port unit link or path $2)) and (detect$4 near1 failur$2)	US-PGPUB; USPAT	OR	ON	2008/04/30 13:43
S50	16	S44 and S49	US-PGPUB; USPAT	NEAR	ON	2008/04/30 13:44
S51	2154	router$2 with failure	US-PGPUB; USPAT	OR	ON	2008/04/30 13:59
S52	3	S44 and S49 and S51	US-PGPUB; USPAT	NEAR	ON	2008/04/30 14:00
S53	500	router$2 with detect$5 with failure	US-PGPUB; USPAT	OR	ON	2008/04/30 14:02
S54	500	router$2 with detect$5 with failur$2	US-PGPUB; USPAT	OR	ON	2008/04/30 14:02
S55	14	S44 and S54	US-PGPUB; USPAT	OR	ON	2008/04/30 14:02
S56	1	S44 and S54 and S42	US-PGPUB; USPAT	OR	ON	2008/04/30 14:02
S57	1530	(protect$4 or back$up) near1 (port unit link or path$2) and ((working or servic$2) near1 (port unit link or path$2))	US-PGPUB; USPAT	OR	ON	2008/04/30 14:03
S58	3	S44 and S54 and S57	US-PGPUB; USPAT	OR	ON	2008/04/30 14:04
S59	42	S44 and S57	US-PGPUB; USPAT	OR	ON	2008/04/30 14:05
S60	22	S44 and S57 and (detect$4 near2 failur$3)	US-PGPUB; USPAT	OR	ON	2008/04/30 14:05
S61	0	(detect$3 failur$3 in the router$2)	US-PGPUB; USPAT	NEAR	ON	2008/04/30 14:14
S62	278	(detect$3 near2 failur$3 near4 router$2)	US-PGPUB; USPAT	NEAR	ON	2008/04/30 14:15
S63	216	(detect$3 near1 failur$3 near3 router$2)	US-PGPUB; USPAT	NEAR	ON	2008/04/30 14:15
S64	1	S44 and S57 and S63	US-PGPUB; USPAT	OR	ON	2008/04/30 14:15

S65	13	S57 and S63	US-PGPUB; USPAT	OR	ON	2008/04/30 14:16
S66	1	S57 and S63 and (oxc or (optical cross$connect))	US-PGPUB; USPAT	NEAR	ON	2008/04/30 14:17
S67	1	S57 and S63 and oxc	US-PGPUB; USPAT	NEAR	ON	2008/04/30 14:17
S68	4	S57 and S63 and (oxc or (optic$2 (cross$connect or switch$3)))	US-PGPUB; USPAT	NEAR	ON	2008/04/30 14:17
S69	497	detect$3 with failur$3 with router$2)	US-PGPUB; USPAT	NEAR	ON	2008/04/30 14:29
S70	9	S57 and S69 and (oxc or (optic$2 (cross$connect or switch$3)))	US-PGPUB; USPAT	NEAR	ON	2008/04/30 14:29
S71	14	("20020030864" | "20020035640" | "20020063916" | "20040107382" | "20040186701" | "20060126500" | "20060257143" | "20070041316" | "6463285" | "6530032" | "6708000" | "6970451" | "7020078" | "7188280").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/30 14:30
S72	3	oxc and router$2 and ((protection or backup) port$2) and ((work$3 or servic$2) port $2)	US-PGPUB; USPAT	NEAR	ON	2008/04/30 14:40
S73	1	oxc and (router$2 near5 failur$3) and ((protection or backup) port$2) and ((work$3 or servic$2) port$2)	US-PGPUB; USPAT	NEAR	ON	2008/04/30 14:56
S74	16	oxc and (router$2 near5 failur$3) and ((protection or backup)) and ((work$3 or servic $2))	US-PGPUB; USPAT	NEAR	ON	2008/04/30 14:57
S75	9	oxc and (router$2 near5 failur$3) and ((protection or backup) near2 (path$2 or port $2 or line$2 or nod$2 or link$2)) and ((work$3 or servic$2) near2 (path$2 or port$2 or line$2 or nod$2 or link$2))	US-PGPUB; USPAT	NEAR	ON	2008/04/30 15:10
S76	9	oxc and (router$2 near5 failur$3) and ((protection or backup) (path$2 or port$2 or line$2 or nod$2 or link$2)) and ((work$3 or servic$2) (path$2 or port$2 or line$2 or nod$2 or link$2))	US-PGPUB; USPAT	NEAR	ON	2008/04/30 15:14
S77	21	oxc and (router$2 near5 failur$3) and ((protection or backup or second$3) (path$2 or port$2 or line$2 or nod$2 or link$2)) and ((primary or original or first or work$3 or servic$2) (path$2 or port$2 or line$2 or nod$2 or link$2))	US-PGPUB; USPAT	NEAR	ON	2008/04/30 15:22
S78	1	(oxc or (router$2 near5 failur$3) or ((protection or backup or second$3) (path$2 or port$2 or line$2 or nod$2 or link$2)) or ((primary or original or first or work$3 or servic$2) (path$2 or port$2 or line$2 or nod$2 or link$2))) and "20020063916".pn.	US-PGPUB; USPAT	NEAR	ON	2008/04/30 16:28
S79	0	(oxc or (router$2 near5 failur$3) or ((protection or backup or second$3) (path$2 or port$2 or line$2 or nod$2 or link$2)) or ((primary or original or first or work$3 or servic$2) (path$2 or port$2 or line$2 or nod$2 or link$2))) and "10747646".pn.	US-PGPUB; USPAT	NEAR	ON	2008/04/30 16:41
S80	1	(oxc or (router$2 near5 failur$3) or ((protection or backup or second$3) (path$2 or port$2 or line$2 or nod$2 or link$2)) or ((primary or original or first or work$3 or servic$2) (path$2 or port$2 or line$2 or nod$2 or link$2))) and "20050157643".pn.	US-PGPUB; USPAT	NEAR	ON	2008/04/30 16:41

S81	2	oxc with (low priority)	US-PGPUB; USPAT	NEAR	ON	2008/04/30 16:43
S82	0	oxc with (low priority) with router	US-PGPUB; USPAT	NEAR	ON	2008/04/30 16:46
S83	0	oxc with (priority) with router	US-PGPUB; USPAT	NEAR	ON	2008/04/30 16:46
S84	0	oxc with (low priority) and router	US-PGPUB; USPAT	NEAR	ON	2008/04/30 16:46
S85	0	oxc with (low priority) and rout$4	US-PGPUB; USPAT	NEAR	ON	2008/04/30 16:46
S86	0	(oxc with (low priority)) and rout$4	US-PGPUB; USPAT	NEAR	ON	2008/04/30 16:46
S87	3	(oxc same (low priority)) and rout$4	US-PGPUB; USPAT	NEAR	ON	2008/04/30 16:46
S88	0	oxc with (priority) with rout$4	US-PGPUB; USPAT	NEAR	ON	2008/04/30 16:50
S89	4	oxc same (priority) same rout$4	US-PGPUB; USPAT	NEAR	ON	2008/04/30 16:50
S90	308	oxc and (priority) and rout$4	US-PGPUB; USPAT	NEAR	ON	2008/04/30 16:51
S91	50	oxc and (low priority) and rout$4	US-PGPUB; USPAT	NEAR	ON	2008/04/30 16:51
S92	6	oxc and (low priority) and rout$4 and (protect$6 work$4)	US-PGPUB; USPAT	NEAR	ON	2008/04/30 16:58
S93	20	oxc and (low priority) and rout$4 and ((protection or backup) near2 (path$2 or port $2 or line$2 or nod$2 or link$2)) and ((work$3 or servic$2) near2 (path$2 or port$2 or line$2 or nod$2 or link$2))	US-PGPUB; USPAT	NEAR	ON	2008/04/30 17:00
S94	1	oxc and (low priority) and rout$4 and ((protection or backup) near2 (path$2 or port $2 or line$2 or nod$2 or link$2)) and ((work$3 or servic$2) near2 (path$2 or port$2 or line$2 or nod$2 or link$2)) and spare port	US-PGPUB; USPAT	NEAR	ON	2008/04/30 17:07
S95	13	oxc and (low priority) and rout$4 and ((protection or backup) near2 (path$2 or port $2 or line$2 or nod$2 or link$2)) and ((work$3 or servic$2) near2 (path$2 or port$2 or line$2 or nod$2 or link$2)) and spare	US-PGPUB; USPAT	NEAR	ON	2008/04/30 17:07
S96	14	oxc and ((low or high) priority) and rout$4 and ((protection or backup) near2 (path$2 or port$2 or line$2 or nod$2 or link$2)) and ((work$3 or servic$2) near2 (path$2 or port$2 or line$2 or nod$2 or link$2)) and spare	US-PGPUB; USPAT	NEAR	ON	2008/04/30 17:28
S97	1	(oxc or fib$2 cross connect or optic$2 cross connect) and ((low or high) priority) and rout$4 and "7274869"	US-PGPUB; USPAT	NEAR	ON	2008/04/30 17:48
S88	1	(oxc or fib$2 cross connect or optic$2 cross connect) and ((low$2 or high$2) priority) and rout$4 and spar$2 and protect$5 and "7274869"	US-PGPUB; USPAT	NEAR	ON	2008/04/30 17:50

S99	0	oxc with compris$4 with spare ((low or high) priority)	US-PGPUB; USPAT	NEAR	ON	2008/04/30 18:03
S100	0	oxc with (compris$4 or includ$4) with spare with ((low or high) priority)	US-PGPUB; USPAT	NEAR	ON	2008/04/30 18:04
S101	2	oxc with (compris$4 or includ$4) with spare	US-PGPUB; USPAT	NEAR	ON	2008/04/30 18:04
S102	88	(oxc or fib$2 cross connect or optic$2 cross connect) with (compris$4 or includ$4) with (spare or work$5 or protect$5)	US-PGPUB; USPAT	NEAR	ON	2008/04/30 18:07
S103	105	(oxc or fib$2 cross connect or optic$2 cross connect) with (compris$4 or includ$4) with (spare or work$5 or protect$5 or alternat$4)	US-PGPUB; USPAT	NEAR	ON	2008/04/30 18:08
S104	58	((oxc or fib$2 cross connect or optic$2 cross connect) with (compris$4 or includ$4) with (spare or work$5 or protect$5 or alternat$4)) and router	US-PGPUB; USPAT	NEAR	ON	2008/04/30 18:09
S105	58	((oxc or fib$2 cross connect or optic$2 cross connect) with (compris$4 or includ$4) with (spare or work$5 or protect$5 or alternat$4)) and router$2	US-PGPUB; USPAT	NEAR	ON	2008/04/30 18:09
S106	2	((oxc or fib$2 cross connect or optic$2 cross connect) with (compris$4 or includ$4) with (spare or work$5 or protect$5 or alternat$4)) and router$2 and (low$2 or high $2) priorit$4	US-PGPUB; USPAT	NEAR	ON	2008/04/30 18:12
S107	0	("7274869").URPN.	USPAT	OR	ON	2008/04/30 18:13
S108	0	("7274869").URPN.	USPAT	OR	ON	2008/04/30 18:13
S109	34	((oxc or fib$2 cross connect or optic$2 cross connect) with (compris$4) with (spare or work$5 or protect$5 or alternat$4)) and router$2	US-PGPUB; USPAT	NEAR	ON	2008/04/30 18:15
S110	2	((oxc or fib$2 cross connect or optic$2 cross connect) with (compris$4) with ((spare or alternat$4) and (work$5 or primary or servic$2) and protect$5)) and router$2	US-PGPUB; USPAT	NEAR	ON	2008/04/30 18:28
S111	2	((oxc or fib$2 cross connect or optic$2 cross connect) with (compris$4) same ((spare or alternat$4) and (work$5 or primary or servic$2) and protect$5)) and router$2	US-PGPUB; USPAT	NEAR	ON	2008/04/30 18:32
S112	2	((oxc or fib$2 cross connect or optic$2 cross connect) same (compris$4) same ((spare or alternat$4) and (work$5 or primary or servic$2) and protect$5)) and router $2	US-PGPUB; USPAT	NEAR	ON	2008/04/30 18:32
S113	345	((oxc or fib$2 cross connect or optic$2 cross connect) and (compris$4) and ((spare or alternat$4) and (work$5 or primary or servic$2) and protect$5)) and router$2	US-PGPUB; USPAT	NEAR	ON	2008/04/30 18:32
S114	32	((oxc or fib$2 cross connect or optic$2 cross connect) same ((spare or alternat$4) and (work$5 or primary or servic$2) and protect$5)) and router$2	US-PGPUB; USPAT	NEAR	ON	2008/04/30 18:33
S115	2	((oxc or fib$2 cross connect or optic$2 cross connect) same ((spare or alternat$4) and (work$5 or primary or servic$2) and protect$5)) and router$2 and (high$2 or low $2) priorit$4	US-PGPUB; USPAT	NEAR	ON	2008/04/30 18:34
S116	99	((oxc or fib$2 cross connect or optic$2 cross connect) and ((spare or alternat$4) and (work$5 or primary or servic$2) and protect$5)) and router$2 and (high$2 or low$2) priorit$4	US-PGPUB; USPAT	NEAR	ON	2008/04/30 18:35

S117	5	((oxc or fib$2 cross connect or optic$2 cross connect) same ((spare or alternat$4) and (work$5 or primary or servic$2) and protect$5)) and router$2 and priorit$4	US-PGPUB; USPAT	NEAR	ON	2008/04/30 18:39
S118	1	((oxc or fib$2 cross connect or optic$2 cross connect) near2 (compris$4 or hav$4 or includ$4) same ((spare or alternat$4) and (work$5 or primary or servic$2) and protect $5)) and router$2 and (high$4 or low$3) priorit$5	US-PGPUB; USPAT	NEAR	ON	2008/04/30 18:58
S119	1	((oxc or fib$2 cross connect or optic$2 cross connect) near2 (compris$4 or hav$4 or includ$4) same ((spare or alternat$4) and (work$5 or primary or servic$2) and protect $5)) and router$2	US-PGPUB; USPAT	NEAR	ON	2008/04/30 18:59
S120	1	((oxc or fib$2 cross connect or optic$2 cross connect) near3 (compris$4 or hav$4 or includ$4) same ((spare or alternat$4) and (work$5 or primary or servic$2) and protect $5)) and router$2	US-PGPUB; USPAT	NEAR	ON	2008/04/30 19:00
S121	2	((oxc or fib$2 cross connect or optic$2 cross connect) and ((spare or alternat$4) and (work$5 or primary or servic$2) and protect$5)) and router$2 and "6735392"	US-PGPUB; USPAT	NEAR	ON	2008/04/30 19:00
S122	7	"6735392".URPN.	USPAT	OR	ON	2008/04/30 19:06
S123	0	"7352966".URPN.	USPAT	OR	ON	2008/04/30 19:06
S124	1	((oxc or fib$2 cross connect or optic$2 cross connect) and ((spare or alternat$4) and (work$5 or primary or servic$2) and protect$5)) and router$2 and S122	US-PGPUB; USPAT	NEAR	ON	2008/04/30 19:09
S125	7	(((oxc or fib$2 cross connect or optic$2 cross connect) or ((spare or alternat$4) or (work$5 or primary or servic$2) and protect$5)) or router$2) and S122	US-PGPUB; USPAT	NEAR	ON	2008/04/30 19:10
S126	11	"5029158" | "5647035" | "5760934" | "5884017" | "5896474" | "5903370" | "6061482" | "6130876" | "6400477" | "6587235" | "6735392".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/30 19:21
S127	8	"5406549" | "5777761" | "5933258" | "6046833" | "6154296" | "6282334" | "6331906" | "6570872".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/30 19:21
S128	22	router and oxc and (low and high) priorit$3	US-PGPUB; USPAT; USOCR	NEAR	ON	2008/04/30 19:23
S129	15	router and oxc and (low and high) priorit$3 and (protect$5 or work$5 or spar$3 or servic$2 or backup or second$3) (nod$2 or path$2 or port$2 or channel$2)	US-PGPUB; USPAT; USOCR	NEAR	ON	2008/04/30 19:26
S130	0	(((oxc or fib$2 cross connect or optic$2 cross connect) or ((spare or alternat$4) or (work$5 or primary or servic$2) and protect$5)) orrouter$2 or in$band or out near2 band) ("7274869" or "20020063916" or "6882765")	US-PGPUB; USPAT	NEAR	ON	2008/05/01 13:29
S131	1	(((oxc or fib$2 cross connect or optic$2 cross connect) or ((spare or alternat$4) or (work$5 or primary or servic$2) and protect$5)) orrouter$2 or in$band or out near2 band) and ("7274869" or "20020063916" or "6882765").pn.	US-PGPUB; USPAT	NEAR	ON	2008/05/01 13:30
S132	1	(((oxc or fib$2 cross connect or optic$2 cross connect) or ((spare or alternat$4) or (work$5 or primary or servic$2) or protect$5)) orrouter$2 or in$band or out near2 band) and ("7274869" or "20020063916" or "6882765").pn.	US-PGPUB; USPAT	NEAR	ON	2008/05/01 13:31

S133	3	(((oxc or fib$2 cross connect or optic$2 cross connect) or ((spare or alternat$4) or (work$5 or primary or servic$2) or protect$5)) or router$2 or in$band or out near2 band or band or sonet) and ("7274869" or "20020063916" or "6882765").pn.	US-PGPUB; USPAT	NEAR	ON	2008/05/01 14:47
S134	8	((cross adj connect) or oxc) with ((protection or redundan$2) adj port$2)	US-PGPUB; USPAT	OR	ON	2008/08/05 10:30
S135	2	((cross adj connect) or oxc) with ((protection or redundan$2 or spar$3) adj port$2) and (work$4 or servic$2) adj port	US-PGPUB; USPAT	OR	ON	2008/08/05 10:32
S136	3	("6882765").URPN.	USPAT	OR	ON	2008/08/05 10:34
S137	5	((cross adj connect) or oxc) same ((protection or redundan$2 or spar$3) adj port$2) and (work$4 or servic$2) adj port	US-PGPUB; USPAT	OR	ON	2008/08/05 10:35
S138	0	((protection or redundan$2 or spar$3) adj port$2) connect$4 (work$4 or servic$2) adj port	US-PGPUB; USPAT	NEAR	ON	2008/08/05 10:37
S139	15	((protection or redundan$2 or spar$3) adj port$2) connect$4 (work$4 or servic$2) adj port	US-PGPUB; USPAT	WITH	ON	2008/08/05 10:37
S140	3	("6882765").URPN.	USPAT	OR	ON	2008/08/05 11:05
S141	9	("5768256").URPN.	USPAT	OR	ON	2008/08/05 11:09
S142	18	"4393493" | "4956835" | "5068892" | "5168495" | "5173689" | "5235599" | "5311586" | "5459716" | "5461608" | "5469439" | "5479608" | "5495471" | "5513345" | "5519709" | "5537532" | "5548639" | "5550805" | "5581791".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/05 11:09
S143	69	("5548639").URPN.	USPAT	OR	ON	2008/08/05 11:11
S144	6	("6850705").URPN.	USPAT	OR	ON	2008/08/05 11:14
S145	9	("6404734").URPN.	USPAT	OR	ON	2008/08/05 11:17
S146	2	((protection or redundan$2 or spar$3) adj port$2) connect$4 (work$4 or servic$2) adj port and "6882765"	US-PGPUB; USPAT	AND	ON	2008/08/05 11:24
S147	7	(((protection or redundan$2 or spar$3) adj port$2) connect$4 (work$4 or servic$2) adj port) and (S140 or S141 or S142 or S143 or S144 or S145 or S146)	US-PGPUB; USPAT	AND	ON	2008/08/05 11:38
S148	44	((protection or redundan$2 or spar$3) adj port$2) (work$4 or servic$2) adj port	US-PGPUB; USPAT	WITH	ON	2008/08/05 12:05
S149	4045	370/216,217,218,219,220,221,222,223,224,225,226,227,228.ccls.	US-PGPUB; USPAT	WITH	ON	2008/08/05 12:38
S150	104	((protection or redundan$2 or spar$3) adj port$2) and S149	US-PGPUB; USPAT	WITH	ON	2008/08/05 12:39
S151	115	((protect$3 or redundan$2 or spar$3) adj port$2) and S149	US-PGPUB; USPAT	WITH	ON	2008/08/05 12:39

S152	44	((protect$3 or redundan$2 or spar$3) adj port$2) and S149 and (cross$connect$4 or oxc or cross adj connect$4)	US-PGPUB; USPAT	WITH	ON	2008/08/05 12:39
S153	44	((protection or redundan$2 or spar$3) adj port$2) (work$4 or servic$2) adj port and (work$4 or servic$2) adj port	US-PGPUB; USPAT	WITH	ON	2008/08/05 12:40
S154	18	((protect$3 or redundan$2 or spar$3) adj port$2) and S149 and (cross$connect$4 or oxc or cross adj connect$4) and (work$4 or servic$2) adj port	US-PGPUB; USPAT	WITH	ON	2008/08/05 12:40
S155	18	((protect$3 or redundan$2 or spar$3) adj port$2) and S149 and (cross$connect$4 or oxc or cross adj connect$4) and (work$4 or servic$2) adj port$2	US-PGPUB; USPAT	WITH	ON	2008/08/05 12:40
S156	7	((protection or redundan$2 or spar$3) adj port$2) with (oxc or optic$2 adj switch$2 or cross$connect$5 or cross adj connect$4) and S149	US-PGPUB; USPAT	WITH	ON	2008/08/05 12:47
S157	0	"2006/0007852".URPN.	USPAT	OR	ON	2008/08/05 12:58
S158	908	((protection or redundan$2 or spar$3) adj port$2) (oxc or optic$2 adj switch$2 or cross$connect$5 or cross adj connect$4) and S150	US-PGPUB; USPAT	OR	ON	2008/08/05 12:59
S159	5310	((protection or redundan$2 or spar$3) adj port$2) (oxc or optic$2 adj switch$2 or cross$connect$5 or cross adj connect$4) and "117"	US-PGPUB; USPAT	OR	ON	2008/08/05 12:59
S160	908	((protection or redundan$2 or spar$3) adj port$2) (oxc or optic$2 adj switch$2 or cross$connect$5 or cross adj connect$4) and S150	US-PGPUB; USPAT	OR	ON	2008/08/05 13:34
S161	45	((protection or redundan$2 or spar$3) adj port$2) (oxc or optic$2 adj switch$2 or cross$connect$5 or cross adj connect$4) and S150	US-PGPUB; USPAT	AND	ON	2008/08/05 13:35
S162	0	((protection or redundan$2 or spar$3) adj port$2) near2 (work$4 or servic$2) adj port	US-PGPUB; USPAT	NEAR	ON	2008/08/05 13:50
S163	0	((protection or redundan$2 or spar$3) adj port$2) near5 (work$4 or servic$2) adj port $2	US-PGPUB; USPAT	NEAR	ON	2008/08/05 13:50
S164	44	((protection or redundan$2 or spar$3) adj port$2) with (work$4 or servic$2) adj port $2	US-PGPUB; USPAT	NEAR	ON	2008/08/05 13:51
S165	2	(((protection or redundan$2 or spar$3) adj port$2) with (work$4 or servic$2) adj port $2) and 398/56.ccls.	US-PGPUB; USPAT	NEAR	ON	2008/08/05 13:53
S166	2	(((protection or redundan$2 or spar$3) adj port$2) same (work$4 or servic$2) adj port $2) and 398/56.ccls.	US-PGPUB; USPAT	NEAR	ON	2008/08/05 13:53
S167	2	(((protection or redundan$2 or spar$3) adj port$2) and (work$4 or servic$2) adj port $2) and 398/56.ccls.	US-PGPUB; USPAT	NEAR	ON	2008/08/05 13:54
S168	6	((((protection or redundan$2 or spar$3) adj port$2) or (work$4 or servic$2) adj port $2) and 398/56.ccls.	US-PGPUB; USPAT	NEAR	ON	2008/08/05 13:54
S169	13	((((protection or redundan$2 or spar$3) adj port$2) and (work$4 or servic$2) adj port $2) and 398/56,57,1,2,3,4,5,6,7.ccls.	US-PGPUB; USPAT	NEAR	ON	2008/08/05 13:55
S170	0	((((protection or redundan$2 or spar$3) adj port$2) and (work$4 or servic$2) adj port $2)) and "5398236"	US-PGPUB; USPAT	NEAR	ON	2008/08/05 14:03

S171	1	(((protection or redundan$2 or spar$3) adj port$2) or (work$4 or servic$2) adj port $2)) and "5398236"	US-PGPUB; USPAT	NEAR	ON	2008/08/05 14:03
S172	4	((((protection or redundan$2 or spar$3) port$2) or (work$4 or servic$2) port$2)) and "5398236"	US-PGPUB; USPAT	NEAR	ON	2008/08/05 14:05
S173	16	(US-20040008988-$ or US-20030206684-$ or US-20030095500-$ or US-20040085895- $ or US-20060222360-$).did. or (US-7197241-$ or US-5956165-$ or US-6792174-$ or US-6731832-$ or US-6850660-$ or US-6813407-$ or US-7274869-$ or US-5548639-$ or US-5768256-$ or US-6404734-$ or US-6331906-$).did.	US-PGPUB; USPAT	OR	ON	2008/08/05 14:05
S174	6	((((protection or redundan$2 or spar$3) port$2) or (work$4 or servic$2) port$2)) and S173	US-PGPUB; USPAT	NEAR	ON	2008/08/05 14:06
S175	1	((((protection or redundan$2 or spar$3) port$2) or (work$4 or servic$2) port$2)) and "5398236".pn.	US-PGPUB; USPAT	OR	ON	2008/08/05 14:15
S176	49	(protection or redundan$2 or spar$3) connect$4 (work$4 or servic$2)	US-PGPUB; USPAT	NEAR	ON	2008/08/05 14:16
S177	10	"20030161629" | "6147968" | "6256292" | "6301254" | "6366556" | "6512611" | "6526021" | "6614754" | "6616350" | "6622258").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/05 14:32
S178	4	"6810011").URPN.	USPAT	OR	ON	2008/08/05 14:34
S179	4	"5179548" | "5515367" | "6044075" | "6209033").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/05 14:37
S180	52	"5398236").URPN.	USPAT	OR	ON	2008/08/05 14:43
S181	1	"5398236").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/05 14:50
S182	0	"6944124").URPN.	USPAT	OR	ON	2008/08/05 14:51
S183	1742	rout$2 adj (fail$4 or fault$4)	US-PGPUB; USPAT	NEAR	ON	2008/08/05 14:56
S184	258	(protection or redundan$2 or spar$3) connect$4 (work$4 or servic$2) and S183	US-PGPUB; USPAT	SAME	ON	2008/08/05 14:56
S185	3	(protection or redundan$2 or spar$3) connect$4 (work$4 or servic$2) and S183	US-PGPUB; USPAT	NEAR	ON	2008/08/05 14:56
S186	134	(protection or redundan$2 or spar$3) connect$4 (work$4 or servic$2) and S183	US-PGPUB; USPAT	WITH	ON	2008/08/05 14:57
S187	134	(protection or redundan$2 or spar$3) connect$4 (work$4 or servic$2) and (rout$2 adj (fail$4 or fault$4))	US-PGPUB; USPAT	WITH	ON	2008/08/05 14:58
S188	6	(protection or redundan$2 or spar$3) connect$4 (work$4 or servic$2) (rout$2 adj (fail $4 or fault$4))	US-PGPUB; USPAT	WITH	ON	2008/08/05 14:58
S189	5	(("5959972") or ("5717796") or ("4680776") or ("6925054") or ("6859430")).PN.	US-PGPUB; USPAT	OR	OFF	2008/08/05 16:41

S191	45	((protection or redundan$2 or spar$3) adj port$2) same (work$4 or servic$2) same (oxc or cross$connect or cross adj connect$4)	US-PGPUB; USPAT	NEAR	ON	2008/08/05 16:49
S192	49	((protection or redundan$2 or spar$3) connect$4 (work$4 or servic$2))	US-PGPUB; USPAT	NEAR	ON	2008/08/07 12:29
S193	4047	370/216,217,218,219,220,221,222,223,224,225,226,227,228.ccls.	US-PGPUB; USPAT	WITH	ON	2008/08/07 12:34
S194	2712	((protection or redundan$2 or spar$3)) and S193	US-PGPUB; USPAT	WITH	ON	2008/08/07 12:34
S195	33	router same (oxc or (cross adj connect$4) or cross$connect$4) same (work$4 or servic$2) same (protect$4 or redund$4 or spar$4)	US-PGPUB; USPAT	WITH	ON	2008/08/07 12:37
S196	494	370/225.ccls.	US-PGPUB; USPAT	WITH	ON	2008/08/07 12:46
S197	26	(router (oxc or (cross adj connect$4) or cross$connect$4) (work$4 or servic$2) same (protect$4 or redund$4 or spar$4)) and S196	US-PGPUB; USPAT	AND	ON	2008/08/07 12:47
S198	26	(router$2 (oxc or (cross adj connect$4) or cross$connect$4) (work$4 or servic$2) same (protect$4 or redund$4 or spar$4)) and S196	US-PGPUB; USPAT	AND	ON	2008/08/07 12:47
S199	29	(router$2 (oxc or (cross adj connect$4) or cross$connect$4) (work$4 or servic$2) (protect$4 or redund$4 or spar$4)) and S196	US-PGPUB; USPAT	AND	ON	2008/08/07 12:47
S200	55	"5717796".URPN.	USPAT	OR	ON	2008/08/07 12:56
S201	0	"7242860".URPN.	USPAT	OR	ON	2008/08/07 13:31
S202	0	"7242860".URPN.	USPAT	OR	ON	2008/08/07 13:31
S203	9	"5003531" | "5706277" | "5717796" | "5740157" | "6115155" | "6292281" | "6307653" | "6331905" | "6915075".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/07 13:31
S204	3	"7346277" "20040211825" "20020089712" "2002075535").pn.	US-PGPUB; USPAT	OR	ON	2008/08/07 17:07
S205	14	"20020030864" | "20020035640" | "20020063916" | "20040107382" | "20040186701" | "20060126500" | "20060257143" | "20070041316" | "6463285" | "6530032" | "6708000" | "6970451" | "7020078" | "7188280").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/07 17:11
S206	2	"7346277" "20040211825" "2002089712" "2002075535").pn.	US-PGPUB; USPAT	OR	ON	2008/08/07 17:24
S207	4	"7346277" "20040211825" "20020089712" "20020075535").pn.	US-PGPUB; USPAT	OR	ON	2008/08/07 17:24
S208	1	"2002/0089712".URPN.	USPAT	OR	ON	2008/08/07 17:29
S209	0	(((protection or redundan$2 or spar$3)) (work$4 or servic$2) (oxc or cross$connect cross adj connect$4) and S205	US-PGPUB; USPAT	NEAR	ON	2008/08/07 17:32

S210	13	(((protection or redundan$2 or spar$3)) (work$4 or service$2) (oxc or cross$connect cross adj connect$4)) and S205	US-PGPUB; USPAT	OR	ON	2008/08/07 17:32
S211	13	(Chiu-Angela$ Strand-Lester$).in.	US-PGPUB; USPAT	OR	ON	2008/08/07 17:35
S212	4	"2002/0063916".URPN.	USPAT	OR	ON	2008/08/07 17:37
S213	143	(Atkinson-Gary$ Chigan-Chunxiao$ Nagarajan-Ramesh$).in.	US-PGPUB; USPAT	OR	ON	2008/08/07 17:40
S214	14	"20020030864" | "20020035640" | "20020063916" | "20040107382" | "20040186701" | "20060126500" | "20060257143" | "20070041316" | "6463285" | "6530032" | "6708000" | "6970451" | "7020078" | "7188280".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/07 17:42
S215	7	"2002/0030864".URPN.	USPAT	OR	ON	2008/08/07 17:43
S216	0	"7346277".URPN.	USPAT	OR	ON	2008/08/07 17:43
S217	6	("6463285" "6530032" "6708000" "6970451" "7020078" "7188280" "20020030864" "20020035640" "20020063916" "20040107382" "20040186701" "20060126500" "20060257143" "20070041316").pn.	USPAT	OR	ON	2008/08/07 17:44
S218	11	"20010003833" | "20020093954" | "5495471" | "5999517" | "6011780" | "6289096" | "6430150" | "6496476" | "6725401" | "6728205" | "6947377".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/07 17:48
S219	1	"7188280".URPN.	USPAT	OR	ON	2008/08/07 17:49
S220	15	(((protection or redundan$2 or spar$3)) (work$4 or service$2) (oxc or cross$connect cross adj connect$4)) and (S205 S204)	US-PGPUB; USPAT	OR	ON	2008/08/07 18:13
S221	16	(((protection or redundan$2 or spar$3)) (work$4 or service$2) (oxc or cross$connect cross adj connect$4)) and (S205 S207)	US-PGPUB; USPAT	OR	ON	2008/08/07 18:13
S222	1	10/604471	US-PGPUB; USPAT	OR	ON	2008/08/07 18:17
S223	7	(router (oxc or (cross adj connect$4) or cross$connect$4) (work$4 or service$2) same (protect$4 or redund$4 or spar$4)) and 09/474031	US-PGPUB; USPAT	OR	ON	2008/08/07 18:22
S224	7	((router (oxc or (cross adj connect$4) or cross$connect$4) (work$4 or service$2) (protect$4 or redund$4 or spar$4))) and 09/474031	US-PGPUB; USPAT	OR	ON	2008/08/07 18:22
S225	7	((router (oxc or (cross adj connect$4) or cross$connect$4) (work$4 or service$2) (protect$4 or redund$4 or spar$4))) and 09/474,031	US-PGPUB; USPAT	OR	ON	2008/08/07 18:23
S226	0	09/474,031).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/07 18:23
S227	0	"9474031".PN.	US-PGPUB; USPAT	OR	OFF	2008/08/07 18:23
S228	0	09/474,031.ap.	US-PGPUB; USPAT	OR	ON	2008/08/07 18:23

S229	0	"09474031".ap.	US-PGPUB; USPAT	OR	ON	2008/08/07 18:23
S230	1	"09474031"	US-PGPUB; USPAT	OR	ON	2008/08/07 18:24
S231	6	send$4 (message$4 or signal$3 or request$2) router$2 (oxc or cross$connect$2)	US-PGPUB; USPAT	WITH	ON	2008/08/07 18:44
S232	140	(message$4 or signal$3 or request$2 or send$4) router$2 (oxc or cross$connect$2)	US-PGPUB; USPAT	WITH	ON	2008/08/07 18:46
S233	51	(message$4 or signal$3 or request$2 or send$4) router$2 (oxc or cross$connect$2) and protect$4 and work$4	US-PGPUB; USPAT	WITH	ON	2008/08/07 18:46
S234	274	router$2 (oxc or cross$connect$2) and protect$4 and work$4	US-PGPUB; USPAT	WITH	ON	2008/08/07 18:51
S235	6	router$2 (oxc or cross$connect$2) protect$4 work$4	US-PGPUB; USPAT	WITH	ON	2008/08/07 18:53
S236	0	(router$2 (oxc or cross$connect$2) protect$4 work$4).ti.	US-PGPUB; USPAT	AND	ON	2008/08/07 18:54
S237	1	(router$2 (oxc or cross$connect$2)).ti.	US-PGPUB; USPAT	AND	ON	2008/08/07 18:54
S238	195	(router$2 (oxc or cross$connect$2))	US-PGPUB; USPAT	NEAR	ON	2008/08/07 18:55
S239	13	router$2 (oxc or cross$connect$2) same protect$4 same work$4	US-PGPUB; USPAT	WITH	ON	2008/08/07 18:55
S240	0	(370/114).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/07 18:58
S241	218	(370/214).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/07 18:58
S242	0	(router$2 (oxc or cross$connect$2)) and S241	US-PGPUB; USPAT	AND	ON	2008/08/07 18:58
S243	0	(router$2 (oxc or cross$connect$2)) and S241	US-PGPUB; USPAT	AND	ON	2008/08/07 18:59
S244	5	(router$2 (oxc or cross$connect$2)) and S241	US-PGPUB; USPAT	OR	ON	2008/08/07 18:59
S245	4047	370/216,217,218,219,220,221,222,223,224,225,226,227,228.ccls.	US-PGPUB; USPAT	WITH	ON	2008/08/07 18:59
S246	166	(router$2 (oxc or cross$connect$2)) and S245	US-PGPUB; USPAT	AND	ON	2008/08/07 18:59
S247	1208	398/1,5,6.ccls.	US-PGPUB; USPAT	WITH	ON	2008/08/07 19:11

S248	289	(router$2 (oxc or cross$connect$2)) and S247	US-PGPUB; USPAT	OR	ON	2008/08/07 19:11
S249	56	router$2 and (oxc or cross$connect$2)) and S247	US-PGPUB; USPAT	OR	ON	2008/08/07 19:11
S250	163	(rout$4 and (oxc or cross$connect$2)) and S247	US-PGPUB; USPAT	OR	ON	2008/08/07 19:11
S251	163	S250 not "l55"	US-PGPUB; USPAT	OR	ON	2008/08/07 19:17
S252	163	S250 not "l53"	US-PGPUB; USPAT	OR	ON	2008/08/07 19:17
S253	386	S250 andnot S249	US-PGPUB; USPAT	OR	ON	2008/08/07 19:17
S254	107	S250 not S249	US-PGPUB; USPAT	OR	ON	2008/08/07 19:17
S255	120	398/2.ccls.	US-PGPUB; USPAT	WITH	ON	2008/08/07 19:22
S256	7	(router$2 and (oxc or cross$connect$2)) and S255	US-PGPUB; USPAT	OR	ON	2008/08/07 19:22
S257	2834	(router$2 and (oxc or cross$connect$2))	US-PGPUB; USPAT	OR	ON	2008/08/07 19:23
S258	676	(router$2 and (oxc or cross$connect$2)) and working and protect$5	US-PGPUB; USPAT	OR	ON	2008/08/07 19:23
S259	15	(router$2 (oxc or cross$connect$2)) working protect$5	US-PGPUB; USPAT	SAME	ON	2008/08/07 19:24
S260	0	(router$2 (oxc or cross$connect$2)) working protect$5 and "65882765"	US-PGPUB; USPAT	SAME	ON	2008/08/07 19:34
S261	800469	(router$2 (oxc or cross$connect$2)) working protect$5 and "65882765"	US-PGPUB; USPAT	OR	ON	2008/08/07 19:35
S262	0	((router$2 (oxc or cross$connect$2)) working protect$5) and "65882765"	US-PGPUB; USPAT	OR	ON	2008/08/07 19:35
S263	0	"65882765"	US-PGPUB; USPAT	OR	ON	2008/08/07 19:36
S264	4	"6882765"	US-PGPUB; USPAT	OR	ON	2008/08/07 19:36
S265	7	"20020063916" "7274869" "6882765"	US-PGPUB; USPAT	OR	ON	2008/08/07 19:38
S266	25	"6278689" "6813241" "6792174"	US-PGPUB; USPAT	OR	ON	2008/08/07 19:39

S267	1	"2002/0089712").URPN.	USPAT	OR	ON	2008/08/08 08:55
S268	0	"2002/0075535").URPN.	USPAT	OR	ON	2008/08/08 08:56
S269	2	"2004/0107382").URPN.	USPAT	OR	ON	2008/08/08 08:57
S270	14	"20020030864" | "20020035640" | "20020063916" | "20040107382" | "20040186701" | "20060126500" | "20060257143" | "20070041316" | "6463285" | "6530032" | "6708000" | "6970451" | "7020078" | "7188280").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/08 08:58
S271	11	"20010003833" | "20020093954" | "5495471" | "5999517" | "6011780" | "6289096" | "6430150" | "6496476" | "6725401" | "6728205" | "6947377").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/08 10:06
S272	18	"2002/0093954").URPN.	USPAT	OR	ON	2008/08/08 10:06
S273	1	"7188280").URPN.	USPAT	OR	ON	2008/08/08 10:07
S274	0	oxc and router and working adj poert and protection adj port	USPAT	OR	ON	2008/08/08 10:12
S275	1	oxc and router and working adj port and protection adj port	USPAT	OR	ON	2008/08/08 10:12
S276	6	(oxc or cross$connect or cross adj connect) and router and working adj port and protection adj port	USPAT	OR	ON	2008/08/08 10:12
S277	49	(protection or redundan$2 or spar$3) connect$4 (work$4 or servic$2)	US-PGPUB; USPAT	NEAR	ON	2008/08/08 10:22
S278	6048	(protection or redundan$2 or spar$3) (work$4 or servic$2)	US-PGPUB; USPAT	NEAR	ON	2008/08/08 10:22
S279	7	(protection or redundan$2 or spar$3) (work$4 or servic$2) oxc router	US-PGPUB; USPAT	SAME	ON	2008/08/08 10:22
S280	209	(protection or redundan$2 or spar$3) (work$4 or servic$2) oxc router	US-PGPUB; USPAT	AND	ON	2008/08/08 10:23
S281	170	(protection or redundan$2 or spar$3) (work$4 or servic$2) (oxc cross$connect$2 cross adj connect$2) router$2	US-PGPUB; USPAT	AND	ON	2008/08/08 10:24
S282	1704	(protection or redundan$2 or spar$3) (work$4 or servic$2) (oxc or cross$connect$2 or cross adj connect$2) router$2	US-PGPUB; USPAT	AND	ON	2008/08/08 10:24
S283	28	(protection or redundan$2 or spar$3) (work$4 or servic$2) (oxc or cross$connect$2 or cross adj connect$2) router$2	US-PGPUB; USPAT	SAME	ON	2008/08/08 10:24
S284	132	(((protection or redundan$2 or spar$3) (work$4 or servic$2)) adj (path or port)) (oxc or cross$connect$2 or cross adj connect$2) router$2	US-PGPUB; USPAT	AND	ON	2008/08/08 10:28
S285	1	"2002/0089712").URPN.	USPAT	OR	ON	2008/08/08 10:38

S286	1	("7155120").URPN.	USPAT	OR	ON	2008/08/08 10:38
S287	14	"20020030864" | "20020035640" | "20020063916" | "20040107382" | "20040186701" | "20060126500" | "20060257143" | "20070041316" | "6463285" | "6530032" | "6708000" | "6970451" | "7020078" | "7188280").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/08 10:39
S288	3	("2006/0126500").URPN.	USPAT	OR	ON	2008/08/08 10:40
S289	289	(protection or redundan$2 or spar$3) (work$4 or servic$2) (oxc or cross$connect$2 or cross adj connect$2) router$2 high near1 priorit$4	US-PGPUB; USPAT	AND	ON	2008/08/08 10:43
S290	156	(protection or redundan$2 or spar$3) with (work$4 or servic$2) (oxc or cross$connect $2 or cross adj connect$2) router$2 high near1 priorit$4	US-PGPUB; USPAT	AND	ON	2008/08/08 10:44
S291	29	(protection or redundan$2 or spar$3) with (work$4 or servic$2) (oxc or cross$connect $2 or cross adj connect$2) with router$2 high near1 priorit$4	US-PGPUB; USPAT	AND	ON	2008/08/08 10:44
S292	68	(protection or redundan$2 or spar$3) same (work$4 or servic$2) (oxc or cross $connect$2 or cross adj connect$2) same router$2 high near1 priorit$4	US-PGPUB; USPAT	AND	ON	2008/08/08 10:45
S293	39	S292 not S291	US-PGPUB; USPAT	AND	ON	2008/08/08 10:46
S294	51	"20040018020" "4019048"	US-PGPUB; USPAT	OR	ON	2008/08/08 10:53
S295	2	("20040018020" "4019048").pn.	US-PGPUB; USPAT	OR	ON	2008/08/08 10:53
S296	2	("2004/0107382").URPN.	USPAT	OR	ON	2008/08/08 12:03
S297	14	"20020030864" | "20020035640" | "20020063916" | "20040107382" | "20040186701" | "20060126500" | "20060257143" | "20070041316" | "6463285" | "6530032" | "6708000" | "6970451" | "7020078" | "7188280").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/08 12:03
S298	1	("2002/0089712").URPN.	USPAT	OR	ON	2008/08/08 12:22
S299	67	fail$5 (protection or redundan$2 or spar$3) same (work$4 or servic$2) (oxc or cross $connect$2 or cross adj connect$2) same router$2 high near1 priorit$4	US-PGPUB; USPAT	AND	ON	2008/08/08 12:27
S300	82	fail$5 (protection or redundan$2 or spar$3) (work$4 or servic$2) (oxc or cross $connect$2 or cross adj connect$2) same router$2 high near1 priorit$4	US-PGPUB; USPAT	AND	ON	2008/08/08 12:27
S301	0	fail$5 (oxc or cross$connect$2 or cross adj connect$2) router$2 high near1 priorit$4	US-PGPUB; USPAT	WITH	ON	2008/08/08 12:28
S302	19	fail$5 (oxc or cross$connect$2 or cross adj connect$2) router$2	US-PGPUB; USPAT	WITH	ON	2008/08/08 12:28
S303	8	"6463285"	US-PGPUB; USPAT	WITH	ON	2008/08/08 12:33
S304	38	"200210030864" "20020035640" "6530032" "20040186701" "6708000"	US-PGPUB; USPAT	OR	ON	2008/08/08 12:34

S305	14	("20020030864" | "20020035640" | "20020063916" | "20040107382" | "20040186701" | "20060126500" | "20060257143" | "20070041316" | "6463285" | "6530032" | "6708000" | "6970451" | "7020078" | "7188280").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/08 12:37
S306	120	398/2.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/08 12:37
S307	8	("4958341" | "5172260" | "5426644" | "5767999" | "5825949" | "6356374" | "6704520" | "7099592").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/08 12:39
S308	19	oxc and router and 370/216,217.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/08 12:41
S309	87	(oxc or cross$connect$2 or cross adj connect$2) and router$2 and 370/216,217.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/08 12:44
S310	68	S309 not S308	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/08 12:44
S311	113936	oxc router	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/08 12:49
S312	183	oxc router	US-PGPUB; USPAT; USOCR	SAME	ON	2008/08/08 12:49
S313	2	("6882765" "7274869") and priorit$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/08 14:51
S314	5	("6882765" "7274869") and (priorit$4 work$4 spare$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/08 14:52
S315	0	oxc router priority	US-PGPUB; USPAT; USOCR	WITH	ON	2008/08/08 14:58
S316	0	(protection or redundan$2 or spar$3) with (work$4 or servic$2) (oxc or cross$connect $2 or cross adj connect$2) router$2 oxc router priority	US-PGPUB; USPAT	WITH	ON	2008/08/08 14:59
S317	1	(protection or redundan$2 or spar$3) with (work$4 or servic$2) (oxc or cross$connect $2 or cross adj connect$2) router$2 oxc router priority	US-PGPUB; USPAT	SAME	ON	2008/08/08 14:59
S318	3	(oxc or cross$connect$2 or cross adj connect$2) router$2 oxc priority	US-PGPUB; USPAT	SAME	ON	2008/08/08 14:59
S319	1795	(protection or redundan$2 or spar$3) (work$4 or servic$2) priority	US-PGPUB; USPAT	SAME	ON	2008/08/08 15:00
S320	2	(protection or redundan$2 or spar$3) (work$4 or servic$2) priority oxc	US-PGPUB; USPAT	SAME	ON	2008/08/08 15:01
S321	195	(protection or redundan$2 or spar$3) (work$4 or servic$2) high low priority	US-PGPUB; USPAT	SAME	ON	2008/08/08 15:01
S322	4256	(oxc or cross$connect$2 or cross adj connect$2) rout$4	US-PGPUB; USPAT	SAME	ON	2008/08/08 15:02
S323	25	S321 and S322	US-PGPUB; USPAT	SAME	ON	2008/08/08 15:02

S324	1377	(oxc or cross$connect$2 or cross adj connect$2) router	US-PGPUB; USPAT	SAME	ON	2008/08/08 15:12
S325	3349	(oxc or cross$connect$2 or cross adj connect$2) router	US-PGPUB; USPAT	AND	ON	2008/08/08 15:12
S326	26	(oxc or cross$connect$2 or cross adj connect$2) router and S321	US-PGPUB; USPAT	AND	ON	2008/08/08 15:13
S327	2	S270 and oxc router priority	US-PGPUB; USPAT; USOCR	AND	ON	2008/08/08 15:16
S328	2	S270 and oxc router priorit$4	US-PGPUB; USPAT; USOCR	AND	ON	2008/08/08 15:21
S329	0	S304 and oxc router priorit$4	US-PGPUB; USPAT; USOCR	AND	ON	2008/08/08 15:22
S330	5	(("5959972") or ("5717796") or ("4680776") or ("6925054") or ("6859430")).PN.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:22
S331	0	S330 and oxc router priorit$4	US-PGPUB; USPAT; USOCR	AND	ON	2008/08/08 15:22
S332	4047	370/216,217,218,219,220,221,222,223,224,225,226,227,228.ccls.	US-PGPUB; USPAT	WITH	ON	2008/08/08 15:23
S333	23	S332 and oxc router priorit$4	US-PGPUB; USPAT; USOCR	AND	ON	2008/08/08 15:23
S334	17	("6856627").URPN.	USPAT	OR	ON	2008/08/08 15:35
S335	1208	398/1,5,6.ccls.	US-PGPUB; USPAT	WITH	ON	2008/08/08 15:37
S336	120	398/2.ccls.	US-PGPUB; USPAT	WITH	ON	2008/08/08 15:37
S337	17	(S332 or S335 or S336) and oxc router priorit$5	USPAT	AND	ON	2008/08/08 15:37
S338	30	(S332 or S335 or S336) and oxc router priorit$5	US-PGPUB; USPAT	AND	ON	2008/08/08 15:37
S339	11	("20010003833" | "20020093954" | "5495471" | "5999517" | "6011780" | "6289096" | "6430150" | "6496476" | "6725401" | "6728205" | "6947377").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/08 15:46
S340	1	("7188280").URPN.	USPAT	OR	ON	2008/08/08 15:46
S341	0	(S339 or S340) and oxc router priorit$5	US-PGPUB; USPAT	AND	ON	2008/08/08 15:47
S342	4	(S339 or S340) and router$2 priorit$5	US-PGPUB; USPAT	AND	ON	2008/08/08 15:47

S343	2	(S339 or S340) and router$2 priorit$5 (oxc or cross$connect$2)	US-PGPUB; USPAT	AND	ON	2008/08/08 15:48
S344	2	(S339 or S340) and router$2 priorit$5 (oxc or cross$connect$2 or cross adj connect)	US-PGPUB; USPAT	AND	ON	2008/08/08 15:48
S345	9	(S339 or S340) and priorit$5	US-PGPUB; USPAT	AND	ON	2008/08/08 15:49
S346	0	priorit$6 and "20020089712"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 15:57
S347	3	priorit$6 and S330	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 15:57
S348	0	priorit$6 and S330 and oxc	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 15:58
S349	1073813	priorit$6 router$4 oxc	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 15:58
S350	1	priorit$6 router$4 oxc work$3 protect$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/08 15:58
S351	6	router$4 oxc work$3 protect$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/08 15:59

S352	2	("2004/0218525").URPN.	USPAT	OR	ON	2008/08/08 16:00
S353	2	(priorit$6 router$4 oxc work$3 protect$5) and "20050157643"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 16:04
S354	0	(priorit$6 router$4 oxc work$3 protect$5) and "9771500"	US-PGPUB; USPAT	OR	ON	2008/08/08 16:05
S355	0	(priorit$6 router$4 oxc work$3 protect$5 oxc router$2) and "9771500"	US-PGPUB; USPAT	OR	ON	2008/08/08 16:06
S356	0	"9771500"	US-PGPUB; USPAT	OR	ON	2008/08/08 16:06
S357	0	"9771500".pn.	US-PGPUB; USPAT	OR	ON	2008/08/08 16:06
S358	0	"9771500".pn.	US-PGPUB; USPAT	OR	ON	2008/08/08 16:06
S359	0	(priorit$6 router$4 oxc work$3 protect$5) and "9795951"	US-PGPUB; USPAT	OR	ON	2008/08/08 16:08
S360	0	(priorit$6 router$4 oxc work$3 protect$5) and "9795951"	US-PGPUB; USPAT	OR	OFF	2008/08/08 16:08
S361	1	(priorit$6 router$4 oxc work$3 protect$5) and "20020176131"	US-PGPUB; USPAT	OR	ON	2008/08/08 16:09
S362	1	working protection oxc router priority	US-PGPUB; USPAT	SAME	ON	2008/08/08 16:14
S363	4	working protection oxc router	US-PGPUB; USPAT	SAME	ON	2008/08/08 16:14
S364	3	("6882765").URPN.	USPAT	OR	ON	2008/08/08 16:14

S365	110	("3651392" | "4365863" | "4369523" | "4437190" | "4470154" | "4519670" | "4530566" | "4563774" | "4580873" | "4612670" | "4634239" | "4797879" | "4817014" | "4843382" | "4856863" | "4859012" | "4886335" | "4897830" | "4903225" | "4982446" | "4984238" | "5035482" | "5037173" | "5157652" | "5216729" | "5253274" | "5260819" | "5272556" | "5299044" | "5349550" | "5355238" | "5359683" | "5440654" | "5477364" | "5485300" | "5487120" | "5488862" | "5515361" | "5521732" | "5521734" | "5524153" | "5535293" | "5539328" | "5570371" | "5608735" | "5629790" | "5629919" | "5648618" | "5666487" | "5694389" | "5699463" | "5719903" | "5727098" | "5729527" | "5745274" | "5774604" | "5781537" | "5793746" | "5801863" | "5825877" | "5825949" | "5828476" | "5864643" | "5867289" | "5892606" | "5900968" | "5903687" | "5915063" | "5942937" | "5960132" | "5963350" | "5970201" | "5978113" | "6002818" | "6005993" | "6008915" | "6009220" | "6046833" | "6047331" | "6061482" | "6069924" | "6072612" | "6081361" | "6097858" | "6097859" | "6108311" | "6130876" | "6147968" | "6148124" | "6160821" | "6185021" | "6188810" | "6188814" | "6192172" | "6195402" | "6198571" | "6207949" | "6222954" | "6252689" | "6272154" | "6278812" | "6285809" | "6295154" | "6301402" | "6317530" | "6374008" | "6392220" | "6400730" | "6504963" | "6735390").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/08 16:15
S366	0	(working protection oxc router) and S365	US-PGPUB; USPAT	AND	ON	2008/08/08 16:15
S367	2	((working or servic$3 or primer$3) (protect$5 or spare$2 or idl$2 or redund$6) (cross $connect or cross adj connect or oxc) router$2 and S365	US-PGPUB; USPAT	AND	ON	2008/08/08 16:17
S368	9	("6504963").URPN.	USPAT	OR	ON	2008/08/08 16:19
S369	29	(US-20040008988-$ or US-20030206684-$ or US-20030095500-$ or US-20040085895-$ or US-20060222360-$ or US-20030161629-$ or US-20040107382-$ or US-20020172150-$ or US-20030147402-$ or US-20020085798-$ or US-20010033548-$).did. or (US-7197241-$ or US-5956165-$ or US-6792174-$ or US-6731832-$ or US-6850660-$ or US-6813407-$ or US-7274869-$ or US-5548639-$ or US-5768256-$ or US-6404734-$ or US-6331906-$ or US-6810011-$ or US-7240364-$ or US-7242860-$ or US-6947377-$ or US-7188280-$ or US-6735392-$ or US-6725401-$).did.	US-PGPUB; USPAT	OR	ON	2008/08/08 16:27
S370	25	S369 and prior$6	US-PGPUB; USPAT	OR	ON	2008/08/08 16:27
S371	11	S369 and prior$6 and router and oxc	US-PGPUB; USPAT	OR	ON	2008/08/08 16:28
S372	25	"6278689" "6813241" "6792174"	US-PGPUB; USPAT	OR	ON	2008/08/08 16:37
S373	25	"6278689" "6813241" "6792174" and (work$4 or servic$4 or primar$2) and (servic$2 or idl$2 or redund$5 or spar$2) and prior$5	US-PGPUB; USPAT	OR	ON	2008/08/08 16:39
S374	14	("6278689" "6813241" "6792174") and (work$4 or servic$4 or primar$2) and (servic $2 or idl$2 or redund$5 or spar$2) and prior$5	US-PGPUB; USPAT	OR	ON	2008/08/08 16:39

S375	2	("6278689" "6813241" "6792174") and (work$4 or servic$4 or primar$2) and (servic $2 or idl$2 or redund$5 or spar$2) and (high and low) adj prior$5	US-PGPUB; USPAT	OR	ON	2008/08/08 16:40
S376	7913	(work$4 or servic$4 or primar$2) and (servic$2 or idl$2 or redund$5 or spar$2) and (high and low) adj prior$5	US-PGPUB; USPAT	OR	ON	2008/08/08 16:41
S377	383	(work$4 or servic$4 or primar$2) adj (path or port or link) and (servic$2 or idl$2 or redund$5 or spar$2) adj (path or port or link) and (high and low) adj prior$5	US-PGPUB; USPAT	OR	ON	2008/08/08 16:42

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